CLAIMS

1. A system for fixing a bending tool, said tool comprising two parallel surfaces for fixing by clamping and a retaining groove, said system comprising:

- a clamping body having a first clamping surface able to collaborate with one of the fixing surfaces of the tool;
- a tool clamp mounted so that it can pivot and comprising a second clamping surface, said clamp being able to adopt a first tool-clamping position in which the fixing surfaces of the tool are clamped between the first and second clamping surfaces and a second position for mounting/demounting the tool, in which position its clamping surface is separated from the first clamping surface of the body; and
- a tool retaining member comprising a number of mutually parallel elastically deformable blades arranged in the same plane, each blade comprising a first end secured to the clamping body, a running part arranged in such a way that, at rest, it is pressed against the first fixing face of the tool and a second end comprising at least a first angled part angled toward the tool with respect to the running part and a second angled part angled in the opposite direction so that said angled parts, when said blade is at rest, are held elastically in the groove of the tool and so that when the clamp is in the loading/unloading position, the running part of the blade can deform elastically to allow said angled parts of the elastically deformable blades to be introduced into or extracted from said groove.

2. The fixing system as claimed in claim 1, wherein when a tool is in the fixed position, the running part of the elastic blade bears against the fixing surface of the tool and for a bending tool further comprising a chamfer connecting the fixing surface and the upper

face of the groove, in which the first angled portion is in contact with said chamfer.

3. The fixing system as claimed in claim 1, in which said clamp has a lower face in which there is formed an alignment groove parallel to the pivot axis, and each elastically deformable blade further comprises, beyond said second angled portion, a connecting portion and an alignment portion arranged at the end of the connecting portion, said alignment portion running roughly parallel to the running part of the blade facing at least said second angled portion, said alignment portion being able to enter said alignment groove.

4. The fixing system as claimed in claim 3, in which said alignment groove comprises an alignment wall which collaborates with the alignment portion of the elastically deformable blades when the clamp is in its loading/unloading position.

5. The fixing system as claimed in claim 1, in which said retaining member consists of an elastically deformable sheet in which said blades are separated from one another by parallel slots.

6. The fixing system as claimed in claim 2, in which said clamp has a lower face in which there is formed an alignment groove parallel to the pivot axis, and each elastically deformable blade further comprises, beyond said second angled portion, a connecting portion and an alignment portion arranged at the end of the connecting portion, said alignment portion running roughly parallel to the running part of the blade facing at least said second angled portion, said alignment portion being able to enter said alignment groove.